

UDAYKIRAN PENIKALAPATI

+91-9581467989 | udaykiranpenikalapati@gmail.com | <https://www.linkedin.com/in/udaykiran-penikalapati-1a9b66252>

Professional Summary

Highly motivate Software Developer with 1+ years of experience in building scalable web and enterprise applications, specializing in REST full APIs and Full Stack technologies. Quick learner with strong problem-solving skills and a keen interest in modern tool and AI-driven solution.

Technical Skills

Languages: Python, Java, JavaScript, Data Structures & Algorithms

Frameworks: React.js, Node.js, Flutter, Django, Spring Boot, Bootstrap

Web Technologies: HTML5, CSS3, JSON

Databases: MySQL, MongoDB

Tools: Git & Git-Hub, AI, Docker, Kubernetes, Postman API

Professional Experience

Software Developer

01/2025 – Present

Sphere Cloud Systems Private Limited – Remote

Responsibilities:

- Developed a **Payroll Management System** using **Python**, Django REST Framework, Flutter, and PostgreSQL, automating salary, attendance, and tax processes.
- Built a **cross-platform mobile app** with an admin dashboard and employee self-service portal for streamlined HR operations.
- Deployed backend services and PostgreSQL database on **AWS**, ensuring scalability, security, and high availability.

Projects

Title : - Medical Chatbot AI

03/2025 - 06/2025

Responsibilities:-

- Built an **AI-powered medical chatbot** using **Python**, Stream lit, Lang Chain, and **Generative AI** for intelligent, context-aware healthcare queries.
- Designed an **interactive Stream lit interface** and integrated Lang Chain for conversational memory in multi-turn discussions.
- Optimized chatbot **accuracy, performance, and user experience** through testing and iterative enhancements
- Source Code:-** https://github.com/Uday439/MEDICAL_CHATBOT

Title : - Portfolio

08/2025 – 09/2025

Responsibilities:-

- Developed a **Responsive Portfolio Website** using **React.js**, **Node.js**, and **Bootstrap** to showcase skills, projects, and experience.
- Implemented features like **Project Showcase**, **Resume Download**, **skill display**, and **contact form** with optimized performance.
- Deployed on **Netlify with CI/CD**, ensuring cross-browser compatibility and seamless user experience.
- Source Code:-** <https://udayp.netlify.app/>

Education & Certification

Bachelor of Technology (B. Tech) in Electronics and Communication Engineering,

- Tadipatri Engineering College, JNTU Anantapur, Tadipatri, **CGPA - 75%**, 2020 - 2024
- Python Full stack Development Certified from, 06/2024 - 11/2024
- Software Engineer Job Simulation Certified from, 2025